

Claims

1. (Currently amended) A method implemented on a computer for allowing a user to set a pronunciation of a string of characters, the method comprising:
storing in a memory device pronunciation data for a plurality of strings of characters to be used by a computing system for pronouncing the strings of characters;
receiving via a user interface a selection by a user of~~allowing the user to select~~ a set of one or more characters in a particular one of the strings of characters;
retrieving from a database accessible by the computer a plurality of sample words representing different possible pronunciations of the selected character set and displaying the retrieved samples;
receiving via a user interface a selection by a user of~~allowing the user to select~~ one of the displayed sample words; and
updating the pronunciation data in said memory device corresponding to the particular string of characters in accordance with a pronunciation of the selected character set in the sample word selected by the user.

2. (Previously presented) The method of claim 1 further comprising generating a pronunciation of the character string using the pronunciation represented by the sample word selected by the user as the pronunciation for the selected character set, and audibly outputting the generated pronunciation.

3. (Previously presented) The method of claim 2, further comprising allowing the user to select another of the displayed sample words after audibly outputting the generated pronunciation.

4. (Previously presented) The method of claim 1, further comprising allowing the user to select a second of the displayed sample words and storing second pronunciation data comprising the string of characters with the selected character set being assigned the pronunciation represented by the second sample word selected by the user.

5. (Currently amended) The method of claim 4, further comprising, during ~~at~~ a text-to-speech process of generating audible output of a text file containing the string of characters, selecting one of the first and second pronunciation data.

6. (Previously Presented) The method of claim 5, further comprising associating the first and second pronunciation data with first and second objects, respectively, and selecting one of the first and second objects, and wherein the step of selecting one of the first and second pronunciation data comprises selecting the pronunciation data associated with the selected object.

7. (Previously Presented) The method of claim 4, further comprising, during a speech recognition process, recognizing a pronunciation of the string of characters by a user and selecting one of the first and second pronunciation data which most closely matches the recognized pronunciation.

8. (Previously Presented) The method of claim 7, further comprising associating the first and second pronunciation data with first and second objects, respectively, and selecting one of the first and second objects which is associated with the selected pronunciation data.

9. (Previously Presented) The method of claim 1, further comprising allowing the user to identify a part of the character string as a separate syllable, and wherein the step of updating the pronunciation data comprises updating data representing the identified separate syllable.

10. (Previously Presented) The method of claim 1, further comprising allowing the user to identify a part of the character string to associate with an accent, and wherein the step of updating the first pronunciation data comprises updating data representing the identified accent.

11. (Previously Presented) The method of claim 1, wherein the character string is received as input from the user.

12. (Previously Presented) The method of claim 1, wherein the character string is selected by the user from a dictionary database accessible to the computer.

13. (Previously presented) The method of claim 1, further comprising allowing the user to select a preferred language and wherein the step of retrieving the sample words representing possible pronunciations of the selected character set comprises selecting a database for the preferred language from a plurality of language databases and retrieving the sample words from the selected database.

14. (Previously presented) The method of claim 13, further comprising allowing the user to select a second language for the selected character set and retrieving additional sample words from a second database corresponding to the selected second language.

15. (Currently Amended) An ~~articles~~ article of manufacture comprising a computer readable medium storing program code for, when executed, causing a computer to perform a graphical user interface method for allowing a user to set a pronunciation of a string of characters, the ~~method~~ article of manufacture comprising:

program code for storing in a memory device pronunciation data for a plurality of strings of characters to be used by a computing system for pronouncing the strings of characters;

program code for receiving via a user interface a selection by a user of ~~allowing the user to select~~ a set of one or more characters in a particular one of the strings of characters;

retrieving from a database accessible by the computer a plurality of sample words representing different possible pronunciations of the selected character set and displaying the retrieved sample words;

program code for receiving via a user interface a selection by a user of
~~allowing the user to select~~ one of the displayed sample words; and
updating the pronunciation data in said memory device corresponding to
the particular string of characters in accordance with a pronunciation of the selected
character set in the sample word selected by the user.

16. (Previously presented) The article of claim 15, wherein the program code further causes the computer to generate a pronunciation of the character string using the pronunciation represented by the sample word selected by the user as the pronunciation for the selected character set, and audibly output the generated pronunciation.

17. (Previously presented) The article of claim 16, wherein the program code further causes the computer to allow the user to select another of the displayed sample words after audibly outputting the generated pronunciation.

18. (Previously Presented) The article of claim 15, wherein the program code further causes the computer to allow the user to select a second of the displayed sample words and storing second pronunciation data comprising the string of characters with the selected character set being assigned the pronunciation represented by the second sample word selected by the user.

19. (Previously Presented) The article of claim 18, wherein the program code further causes the computer, during a text-to-speech process of generating audible output of a text file containing the string of characters, to select one of the first and second pronunciation data.

20. (Previously Presented) The article of claim 19, wherein the program code further causes the computer to associate the first and second pronunciation data with first and second objects, respectively, and select one of the first and second

objects, and wherein the step of selecting one of the first and second pronunciation data comprises selecting the pronunciation data associated with the selected object.

21. (Currently amended) The ~~articles~~ article of ~~claims~~ claim 18, wherein the program code further causes the computer, during a speech recognition process, to recognize a pronunciation of the string of characters by a user and select one of the first and second pronunciation data which most closely matches the recognized pronunciation.

22. (Previously Presented) The article of claim 21, wherein the program code further causes the computer to associate the first and second pronunciation files with first and second objects, respectively, and select one of the first and second objects which is associated with the selected pronunciation record.

23. (Previously Presented) A graphical user interface system for allowing a user to modify a pronunciation of a string of characters, the system comprising:

a dictionary database stored on a memory device comprising a plurality of first character strings and associated pronunciation records;

a pronunciation database stored on a memory device comprising a plurality of second character strings each comprising one or more characters and each associated with a plurality of words, each word having one or more characters which are pronounced in the word in substantially identical fashion to one manner in which the associated second character string may be pronounced;

an input/output system for allowing a user to select one of the first character strings from the dictionary database, to select a set of one or more characters from the selected string, and to select one of the words in the pronunciation database; and

a programmable controller for updating said dictionary database to reflect a pronunciation of the selected first string of characters in accordance with a pronunciation of the selected character set in the selected one of the words.